

SECTION 10801 - TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Toilet and bath accessories.
 - 2. Underlavatory guards.
- B. Related Sections include the following:
 - 1. Division 10 Section "Toilet Compartments" for compartments and screens.

1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions and thickness, dimensions, profiles, fastening and mounting methods, specified options, and finishes for each type of accessory specified.
- B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required. Maintenance Data: For accessories to include in maintenance manuals specified in Division 1. Provide lists of replacement parts and service recommendations.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same areas, unless otherwise approved by Architect.



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- B. Product Options: Accessory requirements, including those for materials, finishes, dimensions, capacities, and performance, are established by specific products indicated in the Toilet and Bath Accessory Schedule.
1. Other manufacturers' products with equal characteristics may be considered. See Division 1 Section "Substitutions."
 2. Do not modify aesthetic effects, except with Owner's approval. Where modifications are proposed, submit comprehensive explanatory data for review.

1.5 COORDINATION

- A. Coordinate accessory locations with other work to prevent interference with clearances required for access by disabled persons, proper installation, adjustment, operation, cleaning, and servicing of accessories.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering accessories that may be incorporated into the Work include, but are not limited to, the following:
1. Toilet and Bath Accessories:
 - a. American Specialties, Inc.
 - b. Bobrick Washroom Equipment, Inc.
 - c. Bradley Corporation.
 2. Underlavatory Guards:
 - a. Brocar Products, Inc.
 - b. Truebro, Inc.



2.2 MATERIALS

- A. Stainless Steel: ASTM A 666, Type 304, with No. 4 finish (satin), in 0.0312-inch (0.8-mm) minimum nominal thickness, unless otherwise indicated.
- B. Brass: ASTM B 19, leaded and unleaded flat products; ASTM B 16 (ASTM B 16M), rods, shapes, forging, and flat products with finished edges; ASTM B 30, castings.
- C. Sheet Steel: ASTM A 366/A 366M, cold rolled, commercial quality, 0.0359-inch (0.9-mm) minimum nominal thickness; surface preparation and metal pretreatment as required for applied finish.
- D. Galvanized Steel Sheet: ASTM A 653/A 653M, G60 (Z180).
- E. Chromium Plating: ASTM B 456, Service Condition Number SC 2 (moderate service), nickel plus chromium electro-deposited on base metal.
- F. Mirror Glass: ASTM C 1036, Type I, Class 1, Quality q2, nominal 6.0 mm thick, with silvering, electroplated copper coating, and protective organic coating complying with FS DD-M-411.
- G. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- H. Fasteners: Screws, bolts, and other devices of same material as accessory unit, tamper and theft resistant when exposed, and of galvanized steel when concealed.

2.3 FABRICATION

- A. General: Names or labels are not permitted on exposed faces of accessories. On interior surface not exposed to view or on back surface of each accessory, provide printed, waterproof label or stamped nameplate indicating manufacturer's name and product model number.



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- B. Surface-Mounted Toilet Accessories: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with continuous stainless-steel hinge. Provide concealed anchorage where possible.
 - C. Recessed Toilet Accessories: Fabricate units of all-welded construction, without mitered corners. Hang doors and access panels with full-length, stainless-steel hinge. Provide anchorage that is fully concealed when unit is closed.
 - D. Framed Glass-Mirror Units: Fabricate frames for glass-mirror units to accommodate glass edge protection material. Provide mirror backing and support system that permits rigid, tamper-resistant glass installation and prevents moisture accumulation.
 - 1. Provide galvanized steel backing sheet, not less than 0.034 inch (0.85 mm) and full mirror size, with non-absorptive filler material. Corrugated cardboard is not an acceptable filler material.
 - E. Mirror-Unit Hangers: Provide mirror-unit mounting system that permits rigid, tamper- and theft-resistant installation, as follows:
 - 1. Heavy-duty wall brackets of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
 - F. Keys: Provide universal keys for internal access to accessories for servicing and re-supplying. Provide minimum of six keys to Owner's representative.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Secure mirrors to walls in concealed, tamper-resistant manner with special hangers, toggle bolts, or screws. Set units level, plumb, and square at loca-



tions indicated, according to manufacturer's written instructions for substrate indicated.

- C. Install grab bars to withstand a downward load of at least 250 lbf (1112 N), when tested according to method in ASTM F 446.

3.2 ADJUSTING AND CLEANING

- A. Adjust accessories for unencumbered, smooth operation and verify that mechanisms function properly. Replace damaged or defective items.
- B. Remove temporary labels and protective coatings.
- C. Clean and polish exposed surfaces according to manufacturer's written recommendations.

3.3 TOILET AND BATH ACCESSORY SCHEDULE

- A. Paper Towel Dispenser: Provide paper towel dispenser:
 - 1. Surface-Mounted Type: Hinged front equipped with tumbler lockset; and with refill indicators that are pierced slots at sides or front.
 - 2. Material: Stainless steel
 - 3. Capacity: Designed for 400 C-fold towels.
- B. Paper Towel Dispenser with Mirror and Shelf: Provide paper towel and mirror dispenser:
 - 1. Recess-Mounted Type: Cabinet designed for nominal 4-inch (100-mm) wall depth with hinged front equipped with concealed tumbler lockset. Flange shall be drawn and beveled, one-piece, seamless construction. Mirror shall be mounted in the door secured to the cabinet with full-length, stainless steel piano hinge. Door shall be equipped with a stainless steel cable door-swing limiter. (Provide stainless steel skirt for surface mounting on existing walls.)
 - 2. Material: Stainless steel



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3. Capacity: Designed for 600 C-fold towels.
- C. Toilet Tissue Dispenser: Provide toilet tissue dispenser complying with the following:
1. Type: Roll-in-reserve dispenser with hinged front secured with tumbler lockset
 2. Mounting: Surface mounted with concealed anchorage
 3. Material: Stainless steel
 4. Operation: Non-control delivery with mfr.'s standard spindle
 5. Capacity: Designed for **5-inch- (125-mm-)** diameter-core tissue rolls.
- D. Combination Towel Dispenser/Waste Receptacle: Provide stainless-steel combination unit complying with the following:
1. Recessed Type with Projecting Receptacle: Designed for nominal **4-inch (100-mm)** wall depth with continuous, seamless wall flange; towel dispenser in unit's upper compartment designed to dispense minimum of 600 C-fold or 800 multifold paper towels; waste receptacle in unit's lower portion secured by tumbler lockset and with minimum **12-gal. (45.5-L)** capacity, reusable, vinyl liner; and upper compartment double-panel door with continuous hinge and tumbler lockset.
- E. Grab Bar: Provide stainless-steel grab bar complying with the following:
1. Stainless-Steel Nominal Thickness: Minimum **0.05 inch (1.3 mm)**.
 2. Mounting: Concealed with four set screws
 3. Gripping Surfaces: Manufacturer's standard slip-resistant texture.
 4. Outside Diameter: **1-1/2 inches (38mm)** for heavy-duty applications.
 5. Outside diameter (for use as towel bar): **1-1/4 inches (32mm)** for heavy-duty applications.
- F. Sanitary Napkin Vendor: Provide stainless-steel sanitary napkin vendor complying with the following:
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1. General: Fabricate cabinet of all-welded construction. Provide seamless door with returned edges and secured by tumbler lockset. Provide identification reading "Napkins" and "Tampons"; brand-name advertising is not allowed. Capacity not less than 15 napkins and 20 tampons.
 2. Mounting: Fully recessed type designed for nominal 4-inch (100-mm) wall depth
 3. Operation: Single-coin operation, 25 cents (napkin) and 10 cents (tampon).
- G. Sanitary Napkin Disposal Unit: Provide stainless-steel sanitary napkin disposal unit complying with the following:
1. Recessed Type: Designed for nominal 4-inch (100-mm) wall depth; with self-closing door and removable, reusable receptacle.
 2. Partition-Mounted, Dual-Access Type: With adjustable flanges for partition mounting to serve two toilet compartments; self-closing door; and reusable receptacle that is removable from one side.
- H. Mirror Unit: Provide mirror unit complying with the following:
1. Stainless-Steel, Angle-Framed Mirror: Fabricate frame from minimum nominal 0.05-inch- (1.3-mm-) thick stainless-steel angles, with square corners mitered, welded, and ground smooth.
- I. Shower Curtain Rod: Provide stainless-steel shower curtain rod with 3-inch (75-mm) stainless-steel flanges designed for exposed fasteners, in length required for shower opening indicated, and complying with the following:
1. Heavy-Duty Rod: 1-1/4-inch (32-mm) OD; fabricated from nominal 0.05-inch- (1.3-mm-) thick stainless steel.
- J. Shower Curtain: Provide shower curtain complying with the following:
1. Antibacterial Shower Curtain: Minimum 10-oz. (284-g), nylon-reinforced vinyl or 0.008-inch- (0.2-mm-) thick vinyl material with integral antibacterial agent and corrosion-resistant grommets at minimum 6 inches (150 mm) o.c. through top hem.
 - a. Size: Minimum 6 inches (150 mm) wider than opening by 72 inches (1850 mm) high.
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- b. Color: As selected from mfr.'s full range.
 - 2. Shower Curtain Hooks: Chrome-plated or stainless-steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.
- K. Folding Shower Seat: Provide heavy-duty hinged seat designed to fold up against wall when not in use with stainless-steel support braces, hinges, frame, and fasteners; of all-welded construction; and complying with the following:
- 1. Configuration: Rectangular seat
 - 2. Seat Material: Phenolic or polymeric composite of slat-type or one-piece construction. Color as selected from mfr.'s full range
- L. Soap Dish: Provide stainless-steel soap dish complying with the following:
- 1. Mounting: Recessed, with clamp or lugs appropriate for securing to wall construction indicated.
- M. Robe Hook: Provide robe hook complying with the following:
- 1. Double-Prong Unit: Stainless-steel, double-prong robe hook with rectangular wall bracket and backplate for concealed mounting.
- N. Mop and Broom Holder: Provide mop and broom holder complying with the following:
- 1. Mop and Broom Holder with Utility Shelf: 36-inch-(900 mm) long unit fabricated of minimum nominal 0.05-inch-(1.3-mm-) thick stainless steel with shelf; support brackets for wall mounting; three hooks for wiping rags; four spring-loaded, rubber hat, cam-type, mop/broom holders mounted on front of shelf; and approximately ~~¼-inch-~~ (6-mm-) diameter, stainless-steel rod suspended beneath shelf for drying rags.
- O. Underlavatory Guard: Provide underlavatory guard complying with the following:
- 1. Insulating Piping Coverings: White, anti-microbial, molded-vinyl covering for supply and drain piping assemblies intended for use at accessible lavatories to prevent direct contact with and burns from piping. Provide
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components as required for applications indicated with flip tops at valves
that allow service access without removing coverings.

END OF SECTION 10801

